WHAT IS CLAIMED IS:

1. An apparatus for removing a forming element from a concrete pipe, the apparatus comprising:

a support member; and

a removal device including first and second elements, the first element being attachable to the forming element and having a stop, the second element being supported by the support member such that the second element is swingable with respect to the support member, the second element further being engageable with the stop so as to apply a force to the first element for removing the forming element from the concrete pipe.

2. The apparatus of claim 1 wherein the first element is a guide element that is configured to guide movement of the second element.

3. The apparatus of claim 1 wherein the first element includes a channel that receives at least a portion of the second element.

4. The apparatus of claim 1 wherein the second element has an I-shaped cross-section.

5. The apparatus of claim 1 wherein the second element includes a cylindrical body that receives the first element.

6. The apparatus of claim 1 wherein the first element has a first generally rectangular cross-section, the second element has a second generally rectangular cross-section, and the first element extends through the second element.

7. The apparatus of claim 1 further comprising two cables connected between the support member and the second element for allowing the second element to swing with respect to the support member.

8. The apparatus of claim 1 further comprising two chains connected between the support member and the second element for allowing the second element to swing with respect to the support member.

9. The apparatus of claim 1 wherein the first element is supported by the support member.

10. The apparatus of claim 9 wherein the support member includes a support frame and a trolley that is laterally movable with respect to the support frame, and wherein the first and second elements are supported by the trolley such that the first and second elements are laterally movable with respect to the support frame.

11. The apparatus of claim 9 wherein the trolley includes a base and a support beam removably attached to the base such that the support beam may be adjusted laterally with respect to the base, and wherein the first and second elements are supported by the support beam.

12. The apparatus of claim 1 further comprising a hoist supported by the support member and attachable to the forming element, the hoist being configured to control movement of the forming element after the forming element has been removed from the concrete pipe.

13. The apparatus of claim 12 wherein the support member includes a support frame and a support arm pivotally connected to the support frame, wherein the hoist is movably attached to the support arm.

14. An apparatus for removing a forming element from a concrete pipe, the apparatus comprising:

a support member;

a guide element suspended from the support member and attachable to the forming element, the guide element having a guide channel and a stop disposed at a distal end of the guide channel; and

a pendulum element having an I-shaped cross-section and being suspended from the support member such that the pendulum element is swingable with respect to the support member, the pendulum element being movable along at least a portion of the guide channel and being engageable with the stop so as to apply a force on the guide element, thereby causing the guide element to apply a removing force on the forming element.

15. A method of removing a forming element from a concrete pipe, the method comprising:

attaching a guide element to the forming element, the guide element having a stop; and

swinging a pendulum element such that the pendulum element engages the stop and applies a force on the guide element, thereby causing the guide element to apply a removing force on the forming element.

16. The method of claim 15 wherein the guide element has a guide channel that receives at least a portion of the pendulum element as the pendulum element swings.

17. The method of claim 15 wherein the pendulum element has an I-shaped cross-section.

18. The method of claim 15 wherein the pendulum element includes a cylindrical body, and the guide element extends through the cylindrical body.

19. The method of claim 15 wherein the guide element and the pendulum element each have a generally rectangular cross-section, and the guide element extends through the pendulum element.

20. The method of claim 15 wherein the pendulum element is supported by a support member such that the pendulum element is swingable with respect to the support member.

21. The method of claim 20 wherein the guide element is also supported by the support member.

22. The method of claim 15 further comprising adjusting swing weight of the pendulum element.

23. An apparatus for separating a first object from a second object, the apparatus comprising:

a support member; and

a removal device including first and second elements, the first element being attachable to the first object and having a stop, the second element being supported by the support member such that the second element is swingable with respect to the support member, the second element further being engageable with the stop so as to apply a force to the first element for separating the first object from the second object.

24. The apparatus of claim 23 wherein the first element is a guide element that is configured to guide movement of the second element.

25. The apparatus of claim 23 wherein the first element includes a channel that receives at least a portion of the second element.

26. The apparatus of claim 23 wherein the second element has an I-shaped cross-section.

27. The apparatus of claim 23 wherein the second element includes a cylindrical body that receives the first element.

28. The apparatus of claim 23 wherein the first element has a first generally rectangular cross-section, the second element has a second generally rectangular cross-section, and the first element extends through the second element.

29. The apparatus of claim 23 further comprising two cables connected between the support member and the second element for allowing the second element to swing with respect to the support member.

30. The apparatus of claim 23 further comprising two chains connected between the support member and the second element for allowing the second element to swing with respect to the support member.

31. The apparatus of claim 23 wherein the first element is supported by the support member.

32. The apparatus of claim 31 wherein the support member includes a support frame and a trolley that is laterally movable with respect to the support frame, and wherein the first and second elements are supported by the trolley such that the first and second elements are laterally movable with respect to the support frame.

33. The apparatus of claim 31 wherein the trolley includes a base and a support beam removably attached to the base such that the support beam is laterally adjustable with respect to the base, and wherein the first and second elements are supported by the support beam.

34. The apparatus of claim 23 further comprising a hoist supported by the support member and attachable to the first object, the hoist being configured to control movement of the first object after the first object has been separated from the second object.

35. The apparatus of claim 34 wherein the support member includes a support frame and a support arm pivotally connected to the support frame, wherein the hoist is movably attached to the support arm.